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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/019,713	05/29/2002	Jari Eikkula	915-412	1063

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EXAMINER .

HASHEM, LISA

ART UNIT	PAPER NUMBER
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2645

DATE MAILED: 08/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/019,713	Applicant(s) EIKKULA, JARI	
	Examiner Lisa Hashem	Art Unit 2645	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 March 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 May 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Drawings

1. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description of the Preliminary Amendment filed on 5-29-2002: Figure 3 does not show steps 30, 32, 34, 36, 38, and 40. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 5,839,072 by Chien (reference submitted by Applicant), and in view of U.S. Patent No. 6,356,756 by Koster.

Regarding claim 1, Chien discloses a method in a telecommunications system (Fig. 2 and

Fig. 5), the telecommunications system comprising at least a first telecommunications network (Fig. 2, 10a: first PLMN) and a second telecommunications network (Fig. 2, 10b, second PLMN) (col. 4, lines 23-44) and providing at least one supplementary telecommunications service (e.g. a number portability service), the method comprising the steps of: initiating a set-up procedure for communications between a first station (Fig. 5, 100) and a second station (Fig. 5, 30) via said telecommunications system; sending an enquiry to a number portability service, said number portability service facilitating porting of stations from the first telecommunications network (Fig. 2, 10a) to the second telecommunications network (Fig. 2, 10b) so that the number or address of the ported stations may remain the same (e.g. MSISDN number); determining the second station is a ported station (col. 6, line 16 – col. 7, line 67).

Chien does not disclose informing at least one supplementary telecommunications service of the results of said determination before initiating a use of said at least one supplementary telecommunications service.

Koster discloses a method in a telecommunications system (Fig. 1), the telecommunications system comprising at least a first telecommunications network and a second telecommunications network (col. 2, lines 61-65) and providing at least one supplementary telecommunications service (col. 1, line 24 - col. 2, line 2), the method comprising the steps of: initiating a set-up procedure for communications between a first station (col. 5, lines 53-56) and a second station (Fig. 1, 50) via said telecommunications system; sending an enquiry to a number portability service, said number portability service facilitating porting of stations from the first telecommunications network to the second telecommunications network so that the number or address of the ported stations may remain the same (e.g.

subscriber's wireless directory number) (col. 5, lines 56-63); determining the second station is a ported station (col. 5, lines 61-63); and informing at least one supplementary telecommunications service of the results of said determination before initiating an use of said at least one supplementary telecommunications service (col. 5, line 65 – col. 6, line 8).

It would have been obvious to one of the ordinary skill in the art at the time the invention to modify the method of Chien to include informing at least one supplementary telecommunications service of the results of said determination before initiating an use of said at least one supplementary telecommunications service as taught by Koster to provision supplementary telecommunications services in a telecommunications system.

Regarding claim 2, Koster further discloses a method according to claim 1, wherein the step of determining the status of the number portability service for the second station and the step of informing said at least one supplementary telecommunications service of said status are accomplished at a node (Fig. 1, 120) controlling both the number portability service and said at least one supplementary telecommunications service (col. 2, lines 25-44; col. 4, line 65 – col. 5, line 15; col. 5, line 53 – col. 6, line 2).

Regarding claim 3, Chien further discloses a method in accordance with claim 2, wherein the supplementary telecommunications service is based on an INAP protocol suite, and the control node comprises a service control point (SCP) (Fig. 5, 120) and a number portability register of the number portability service (Fig. 5, 250) (col. 6, lines 6-62; col. 7, lines 56-67).

Regarding claim 4, Chien further discloses a method in accordance with claim 2, wherein the supplementary telecommunications service is based on customized applications for mobile network enhanced logic, and the control node (Fig. 5, 120) comprises a service environment of

the customized applications for mobile network enhanced logic and a number portability register (Fig. 5, 250) of the number portability service (col. 6, lines 6-62; col. 7, lines 56-67).

Regarding claim 5, Koster further discloses a method in accordance with claim 1, wherein said at least one supplementary telecommunications service is informed of the results of the determination only if the second station is determined to be a ported station (col. 5, line 61 – col. 6, line 2).

Regarding claim 6, Koster further discloses a method in accordance with claim 1, wherein the number portability service is one of the supplementary telecommunications services provided by telecommunications system (col. 1, line 24 - col. 2, line 2; col. 2, lines 53-56; col. 3, lines 21-25).

Regarding claim 7, Chien further discloses a method in accordance with claim 1, wherein the telecommunications system comprises mobile telecommunications network including a controller (MSC) and a home location register (original HLR) for storing user related data associated to individual subscribers of the mobile telecommunications network, and the number portability service comprises a routing information register (SCP) between the network controller and the home location register, comprising the steps of: sending an enquiry as a routing information enquiry from the network controller to the home location register during the set-up of the connection; directing the routing information enquiry to pass through the routing information register; determining at the routing information register the status of the number portability service of the second station; and if the second station is determined to be a ported number, returning the status information to the controller without allowing the routing

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information enquiry to enter the home location register (original HLR) (col. 6, line 63 – col. 7, line 39).

Regarding claim 8, Koster further discloses a method in accordance with claim 1, wherein the status of the number portability service is verified in the beginning of an originating status model of a supplementary telecommunications application protocol suite (col. 5, line 65 – col. 6, line 2).

Regarding claim 9, Koster further discloses a method in accordance with claim 8, wherein the verifying of said status comprises a step of sending a service routing register inquiry at an initial detection point of an INAP (protocol in AIN network) or a CAMEL protocol (col. 5, lines 56-63).

Regarding claim 10, please see the rejection of claims 1 and 2 above, to reject the system in claim 10.

Regarding claims 11, 12, 14, 15, and 16, please see the rejection of the method in claims 1, 3, 4, 6, and 1 above, respectively, to reject the system in claims 11, 12, 14, 15, and 16.

Regarding claim 13, please see the rejection of claims 3 and 8 above, to reject the system in claim 13.

Regarding claim 17, please see the rejection of claims 1 and 2 above, to reject the system in claim 17.

Regarding claims 18, 19, 20, and 21, please see the rejection of the method in claims 1, 3, 6, and 1 above, respectively, to reject the system in claims 18, 19, 20, and 21.

Response to Arguments

4. Applicant's arguments, see Amendment, filed 3-30-2005, with respect to the rejection(s) of claim(s) 1-21 have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made. Please see all rejections above.

5. Accordingly, this action is **NON-FINAL**.

Conclusion

6. Any response to this action should be mailed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Or faxed to:

(571) 273-8300 (for formal communications intended for entry)

Or call:

(571) 272-2600 (for customer service assistance)

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lisa Hashem whose telephone number is (571) 272-7542. The examiner can normally be reached on M-F 8:30-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on (571) 272-7547. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

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8. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LH

lh

August 16, 2005

Allan Hoosain
ALLAN HOOSAIN
PRIMARY EXAMINER for
Fan Tsang.